

ABSTRACT OF THE DISCLOSURE

An Internet protocol network alternate routing system comprises: a traffic control unit for detecting the state of congestion of an LAN, which is an Internet 5 protocol network; a call control unit for establishing a link between an extension telephone and the LAN based on the detection results of the traffic control unit; a central processing unit for designating the signal path of voice signals that are transmitted from the extension 10 telephone based on the results of establishing a link in the call control unit; and a switch control unit for switching the signal path that connects a path to the extension telephone. In a case in which the call control unit does not establish a link, voice signals that are 15 transmitted from the extension telephone are rerouted by switching performed by the switch control unit to a leased line network by way of a leased line trunk.

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